

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

1300 I STREET, N.W.
WASHINGTON, DC 20005-3315

202 • 408 • 4000
FACSIMILE 202 • 408 • 4400

ATLANTA
404•653•6400
PALO ALTO
650•849•6600

WRITER'S DIRECT DIAL NUMBER:
(202) 408-4096

TOKYO
011•813•3431•6943
BRUSSELS
011•322•646•0353

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**Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231**

New U.S. Patent Application

Title: NUCLEIC ACID ENZYMES ACQUIRING AN ACTIVITY FOR CLEAVING
A TARGET RNA BY RECOGNIZING ANOTHER MOLECULE

Inventors: 1) Kazunari TAIRA Addresses: 1) Tsukuba-shi, Japan
 2) Masaki WARASHINA 2) Tsukuba-shi, Japan
 3) Tomoko WARASHINA 3) Tsukuba-shi, Japan

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 35 pages, including 1 independent claim and 35 claims total.
2. Drawings- 16 sheets of formal drawings containing 21 figures.
3. Sequence Listings - 8 pages
4. The filing fee is calculated as follows:

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Basic Application Filing Fee					\$740	\$ 740.00
	Number of Claims		Basic	Extra Claims		
Total Claims	35	-	20	15	x \$18	270.00
Independent Claims	1	-	3		x \$84	
<input checked="" type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$280	280.00
Subtotal					\$ 1290.00	
Reduction by 1/2 if small entity					-	
TOTAL APPLICATION FILING FEE					\$ 1290.00	

5. A check for \$1290.00 is enclosed. The fee includes:

\$740.00 filing fee; and
\$270.00 additional claims fee
\$280.00 multiple claim fee

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).
Applicants await notification from the Patent and Trademark Office of the time set for
filing the Declaration.

Applicants claim the right to priority based on Japanese Application No. 2000-
313320, filed October 13, 2000.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.
1300 I Street, N.W.
Washington, D.C. 20005-3315

Please accord this application an application number and filing date.

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The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By:



Ernest F. Chapman
Reg. No. 25,961

EFC/FPD/bl
Enclosures